Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 14 Mar 2023 until 23:59 on Wednesday 15 Mar 2023

Forecast Issued on Monday 13 Mar 2023 at 10:48

Confidence: High for wintry showers Tuesday, largely settled early Wednesday then unsettled thereafter, but lowering for detail of cloud, transitions and snow levels.

Headline for Tuesday 14 Mar 2023: Wintry showers. Severe wind chill at height in fresh to strong summit winds.

Mountain weather hazards on Tuesday 14 Mar 2023

Blizzards
Low Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Cloudy	Sunny intervals	Sunny intervals	Light snow showers	Heavy snow showers	Heavy snow showers	Partly cloudy (night)
Precipitation probability							
80%	<05%	10%	10%	30%	70%	60%	20%

Forecast for Tuesday 14 Mar 2023

Weather: Area of cloud, snow and at lowest levels rain, clearing to the south during the early hours of Tuesday morning. This leaves a mix of clear then brighter spells mixed with snow showers. Best of the brightness expected for the morning, with showers building for the afternoon. Showers dying away through the evening.

Chance of cloud-free hill tops above 600m: For any given instance 90% at dawn becoming 70% in the afternoon, but limited prospect of prolonged clear spells given the showery nature of the flow.

Low Cloud and visibility: Good or very good becoming poor or very poor in snow showers, virtually nil within cloud with bases lowering 500m infrequently for morning, occasionally for afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 14 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 N	17/24 N	15/22 NW	18/26 W	21/33 W	21/31 W	10/15 NW	7/12 W	7/11 SW
300	14/29 N	13/25 N	9/20 NW	12/24 W	16/31 W	16/31 W	7/16 NW	5/12 W	3/9 W
Valley	14/31 N	10/23 NW	4/14 NW	9/19 W	15/30 W	15/29 W	5/13 NW	3/6 N	2/6 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-9	-3/-10	-4/-11	-3/-10	-1/-8	-1/-8	-3/-8	-3/-8	-4/-8
300	1/-4	-0/-6	-2/-7	0/-5	2/-4	2/-3	-0/-4	-2/-5	-3/-6
Valley	2/-3	1/-3	-1/-4	2/-2	3/-2	3/-1	1/-1	-1/-3	-2/-4
Freezing Level*	300m	100m	00m	100m	200m	200m	100m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some chance of blizzards during early hours of Tuesday morning in longer periods of snow. Winds and low freezing level bringing severe wind chill.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 13 Mar 2023	19.8mm	30mm	30mm

Forecast for Wednesday 15 Mar 2023

Weather: Largely dry, bright, icy start to Wednesday. Cloud gradually thickening and lowering from the west to bring patchy snow late afternoon, which turns heavier through the evening, also turning erratically to rain at lowest levels towards midnight.

Maximum wind: Variable 15 mph or less becoming southeast 20 mph with gusts 30 mph for the evening.

Chance of cloud-free hill tops above 600m: 90% plus becoming 70% late afternoon, 20-30% late evening.

Low Cloud and visibility: Good or very good becoming poor or very poor in snow, virtually nil within cloud with bases lowering 500m infrequently for morning, occasionally for afternoon, then widespread for the evening.

Temperature: **Valleys:** Minus 5 Celsius increasing plus 8 Celsius later in day.
At 600m: Minus 4 Celsius increasing minus 1 Celsius late in day.
Freezing level: 200m or less increasing 400m late in day.

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